

44. (Twice Amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than about three-fourths of an inch.
45. (Twice Amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than about two-thirds of an inch.
46. (Twice Amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than about one-half of an inch.
47. (Twice Amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of at least about one inch.
48. (Amended) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 120 gauss at a distance of one inch.
49. (Amended) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at least about 200 gauss at a distance of one inch.
50. (Amended) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at least about 240 gauss at a distance of one inch.
51. (Amended) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at most about 250 gauss at a distance of one inch.
52. (Amended) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 380 gauss at a distance of three-fourths inch.

53. (Amended) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 350 gauss at a distance of one-half inch.
54. (Amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of at least 0.5 pounds.
55. (Amended) The manikin of claim 54 wherein said magnetic assembly has an on-contact strength of no more than about 20 pounds.
56. (Amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of at least 60 pounds.
57. (Amended) The manikin of claim 56 wherein said magnetic assembly has an on-contact strength of at least about 85 pounds.
58. (Amended) The manikin of claim 56 wherein said magnetic assembly has an on-contact strength of at least about 100 pounds.
59. (Amended) The manikin of claim 60 wherein said magnetic assembly has an on-contact strength no greater than about 120 pounds.
60. (Amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength no greater than 180 pounds.
61. (Amended) The manikin of claim 43 wherein said magnetic assembly is a cup magnetic assembly comprising a circular cup serving as a pole piece.
62. (Amended) The manikin of claim 61 wherein said magnetic assembly comprises a ring magnet positioned within said cup.

E4 65. (Amended) The manikin of claim 61 wherein said magnetic assembly comprises at least one neodymium magnet.

E5 66. (Amended) The manikin of claim 65 wherein said magnetic assembly comprises two neodymium radial arc magnets touching a ceramic magnet but spaced apart from said pole piece.

67. (Amended) The manikin of claim 65 wherein said radial arc magnets are spaced apart from said pole piece at least one-eighth inch.

E6 24 68. (Amended) The manikin of claim 61 wherein said circular cup comprises at least one flange attached thereto for embedding into the material of said ~~form~~ ^{manikin}.

25 69. (Amended) The manikin of claim 68 wherein said flange is attached to the bottom of said circular cup.

70. (Amended) The manikin of claim 43 wherein said magnetic system comprises a disc of attracted material for mating with said magnetic assembly which presents a planar circular face.

71. (Amended) The manikin of claim 43 wherein said attracted material is on said removable piece.

72. (Amended) The manikin of claim 43 wherein said attracted material is on said form.

73. (Amended) The manikin of claim 43 comprising a removable piece comprising said attracted material at one end and said magnetic assembly on the other end.

26 74. (Amended) The manikin of claim 73 wherein said magnetic system comprises at least one mating pin on one of said magnetic assembly or said circular face, and a mating hole

positioned to mate with said mating pin on the other of said magnetic assembly or said circular face.

29

75. (Amended) The manikin of claim 27 wherein said magnetic system comprises at least one index pin on one of said magnetic assembly or said circular face, and an index hole positioned to mate with said index pin on the other of said magnetic assembly or said circular face.

30

76. (Amended) The manikin of claim 27 wherein said magnetic system comprises a plurality of index holes positioned to mate with said index pin.

~~77. (Amended) The manikin of claim 43 wherein said removable piece is selected from the group consisting of an arm, an upper arm, a lower arm, a hand, a leg, an upper leg, a lower leg, a foot, a head, a torso, a pelvis and a cap.~~

78. (Amended) The manikin of claim 77 wherein said magnetic assembly has an on-contact strength of no more than 20 pounds.


Please rewrite claim 94 to read as follows:

94. (Amended) The manikin of claim 61, wherein the magnetic assembly comprises a magnet selected from the group consisting of neodymium magnets, samarium cobalt magnets, and ferrite magnets.

Please enter the following new claim:

95. (New) A manikin having a removable piece attached thereto by a magnetic system comprising:

- (a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and

-  (c) ~~an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly wherein said magnetic assembly has a depth-of-pull of at least 200 gauss at a distance of one inch.~~

REMARKS

The undersigned would like to thank the Examiner for the courtesy of a telephone interview on January 30, 2002. In that interview, the Examiner indicated that claim 43 would appear to be in better condition for allowance if "form" were replaced with --manikin--, if "about" were deleted in line 5, and if a limitation were added that the magnetic assembly were a cup magnetic assembly comprising a cup serving as a pole piece. These amendments have been made in the present Supplemental Amendment.

Prior to this supplemental response, claims 43-62, 65-78, and 94 were pending with this case. This response adds new claim 95. Claims 43-62, 65-78, and 94-95 are pending with this response. No new matter has been added by amendment.

The Amendments to the Claims

Claim 43 has been amended to add the limitation that said magnetic assembly is a cup magnetic assembly comprising a cup serving as a pole piece. This limitation is supported at page 5, lines 10-14 of the specification as filed. Claim 43 has also been amended to delete "about" prior to "one-quarter of an inch" in line 5. Claim 43 has further been amended to replace "form" with --manikin--. This amendment is supported at page 2, line 30 of the specification as filed.

Claims 44-62, 65-78, and 94 have also been amended to replace "form" with --manikin-- for consistency with amended claim 43.

Claims 48, 52-54, 56, 60, 67, and 78 have been amended to further clarify what the applicants regard as their invention. In particular, "about" has been deleted from line 2 of each

